**Facility Name:**_____  *Spectrophotometric Analysis*

**Analyte**_____  **Method Used**_____  **Wavelength**_____nm

**Analysis Date**_____  **Analyst**_____  **Check Std. Recovery**_____%

| Sample ID | Sample/ Standard Date | Sample Grab or Comp | Date Preserved | Preserved by | Sample Volume (mL) | Final Volume (mL) | Initial Result (mg/L) | *Dilution Factor | Report Value (mg/L) |
|---|---|---|---|---|---|---|---|---|---|
| **Calibration Blank** | | | | | | | | 1 | |
| **Std. 1**　　　mg/L | | | | | | | | 1 | |
| **Std. 2**　　　mg/L | | | | | | | | 1 | |
| **Std. 3**　　　mg/L | | | | | | | | 1 | |
| **Std. 4**　　　mg/L | | | | | | | | 1 | |
| **Std. 5**　　　mg/L | | | | | | | | 1 | |
| **Chk Std**　　mg/L | | | | | | | | | |
| **Reagent Blank** | | | | | | | | 1 | |
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| **Dup.** | | | | | | | | | |
| **Dup.** | | | | | | | | | |
| **Spike** | | | | | | | | | ---------- |

**\*Dilution Factor =** $\dfrac{\text{Final Volume (mL)}}{\text{Sample Volume (mL)}}$

**Spike Added (mg/L) =** $\dfrac{\text{Concentration of Spike Added (mg/L) x Volume of Spike Added (mL)}}{\text{Final Volume (mL) of Spiked Sample used for Colorimetric Determination}}$

**% Spike Recovery =** $\dfrac{\text{[Spiked Sample Initial Concentration (mg/L) – Sample Initial Concentration (mg/L)] x 100}}{\text{Spike Added (mg/L)}}$ = ⎢_____%⎥